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Jameco Part Number 147731

PRODUCT SPECIFICATION
PART NO. SCP41-90500

DESIGNED NO.
DATE : 2002/11/21

1. Scope.
   This specification covers the power supply
   Designed no. 1011032-2 customer.
2. Safety standard : UL1310

3. Costruction
   3-1. Surface : Dimage rusting etc. are not permitted.
   3-2. Appearance : Damension and express : As drawing .
   3-3. Net weight (REF): 232.5g
4. Mechanical Characteristies :
   4-1. Strain relief test :
   Cord and plug . at their normal position applied a weight of 10 Kg . to input Side. 5 kg. to output cord for 60 seconds . there shall be no broken of lead or Other damage result.
   4-2. Vibation test :
   The vibration frequency are set at 10-55-10 Hz. With total amplitude of 1.5 mm Along 3 direction namely X-Y-Z. each direction vibrated for 30 minute after Shall no abnormal condition of electrical and mechanical happen
   4-3. Cord bending test:
   The output cord shall withstand weight 200 gm. It swings from right to left at an angle of 120 deg, 500 times(total).
   4-4. Drop test:
   The product shall be dropped from a height of 90 cm.
   Onto a one cm thickness dry wood surface , after shall no Abnormal condition happen . and insulation test 10 M Ohms.
5. Electrical characteristics:
   5-1 Input Voltage and frequency: 120 V 60 Hz
   5-2 Output Voltage and current:

Test position	Input Voltage	Output Voltage	Load current
Output plug	120V 60HZ	DC 9V ±5%	500 mA

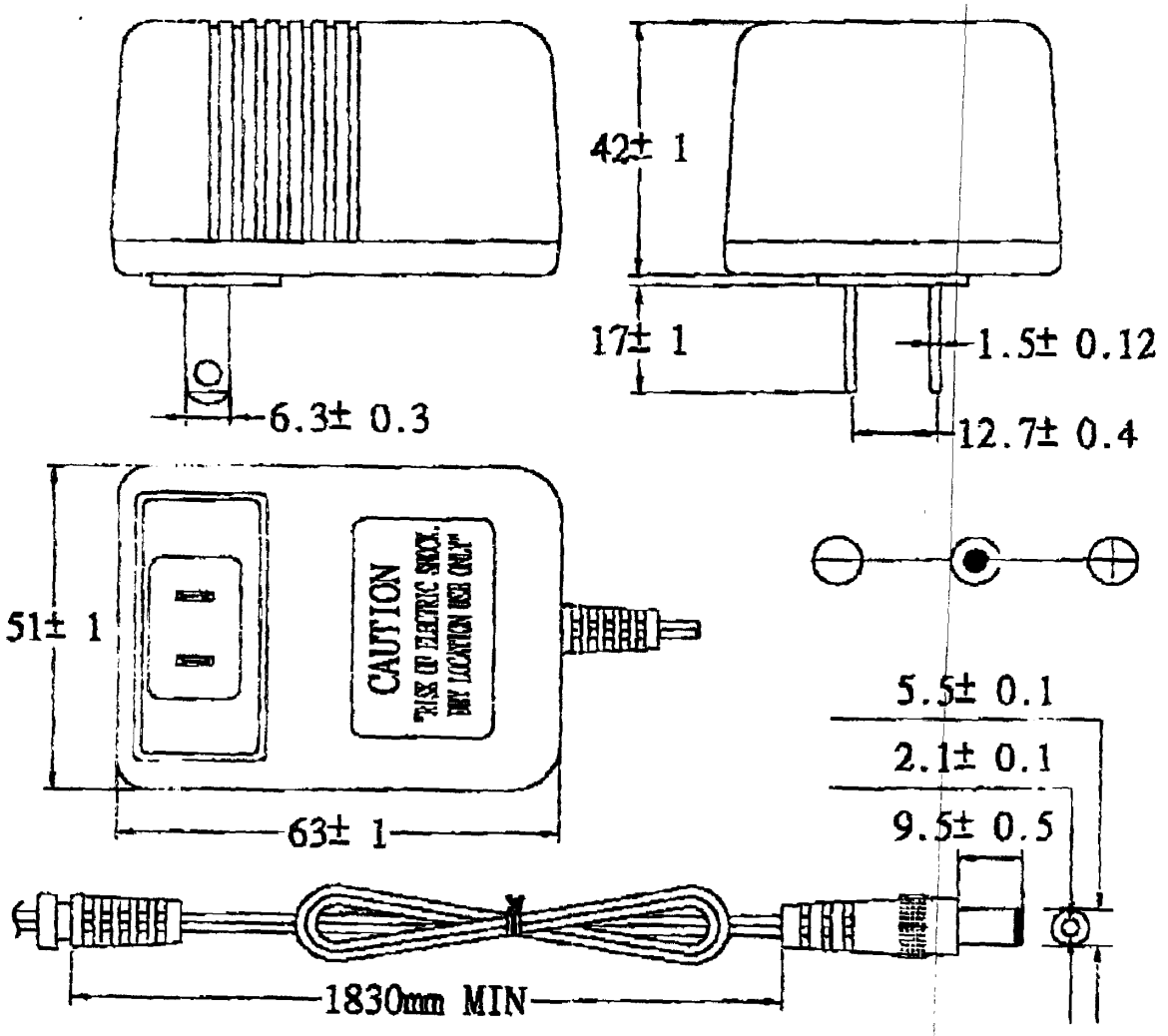
5-3. No load current: Input 120 V 60 Hz 75 mA Max .
5-4. Ripple Voltage: Input 120 V 60 Hz. Output load DC
500 mA. Ripple Voltage 1.8 V rms Max .
5-5. Dielectric withstand test:
AC 1240V one minute. (or AC 1500 V one seconds) between input to output plug and case .
5-6. Insulation resistance :
DC 500 V 100 M ohms Min . Between input to output plug and case .
5-7. Temperature rise :
Input 120 V 60 Hz . Output load 500 mA 70 deg Max .
On case surface (by use thermometer) . 50 deg Max . For input coil (by use resistance method) .

6. Temperature range :
6-1. Normal operation temp. at -10℃ + ------- +40℃
6-2. Storage temp. at -30℃ + -------- +70℃

7. Inspect of finished products :
7-1. The whole test for products
a. Output voltage
b. No load current
c. Dielectric withstand test
d. Polarity of output plug
e. Inspect of the product surface
f. Foreign mat'l sound by shock
g. Ripple voltage
7-2. A part test for products
a. Insulation test
b. Drop test
c Hum test (at max. operating)

8. Other : None .

UNIT: mm



CIRCUIT: